Amendments to the Claims:

The following listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A green-emitting LED which is designed as a luminescence conversion LED, comprising:

a primary radiation source, which is a chip emitting a primary radiation in the UV or blue radiation [[;]] region; and

a layer of a phosphor which is arranged in front of the primary radiation source and completely or partially converts the primary radiation of the chip into a green ~~light~~ emission of dominant wavelength λ_{dom} = 550 to 570 nm;

wherein the phosphor belongs to [[the]] a class of [[the]] oxynitridosilicates, having a cation M and [[the]] an empirical formula $M_{(1-c)}Si_2O_2N_2:D_c$, where D denotes a doping with divalent europium and where M comprises Sr as a constituent and M = Sr alone or $M = Sr_{(1-x-y)}Ba_yCa_x$ with $0 \leq x+y < 0.5$ is used, the ~~oxynitridosilicate~~ oxynitridosilicates completely or predominantly comprising ~~the~~ a high-temperature-stable modification HT.

2. (Previously Presented) The LED as claimed in claim 1, wherein the Eu fraction makes up between 0.1 and 20 mol% of M.

3. (Currently Amended) The LED as claimed in claim 1, wherein Sr represents [[the]] a majority of M and a proportion of M~~, in particular up to 30 mol%,~~ is replaced by Ba and/or Ca.

4. (Currently Amended) The LED as claimed in claim 1, wherein a proportion of M~~, in particular up to 30 mol%,~~ is replaced by Li and/or La and/or Zn.

5. (Currently Amended) The LED as claimed in claim 1, wherein part of [[the]] an SiN group in the ~~oxynitridosilicate~~ oxynitridosilicates of formula $MSi_2O_2N_2$~~, in particular up to 30 mol%,~~ is replaced by [[the]] an AlO group.

6. (Currently Amended) The LED as claimed in claim 1, wherein a proportion of Eu~~, in particular up to 30 mol%,~~ is replaced by Mn.

7. (Currently Amended) The LED as claimed in claim 1, wherein the primary ~~emission~~ radiation has a peak wavelength in the range from 380 to 430 nm~~, in particular at least 380 nm~~.

8. (Previously Presented) The LED as claimed in claim 1, wherein the green emission has a dominant wavelength in the range from 556 to 564 nm.

9. (Previously Presented) The LED as claimed in claim 1, wherein the primary radiation is completely converted.

10. (Previously Presented) The LED as claimed in claim 1, wherein the chip is an InGaN chip with a peak emission wavelength in the range from 430 to 465 nm.

11. (Previously Presented) The LED as claimed in claim 1, wherein the LED is dimmable.

12. (New) The LED as claimed in claim 3, wherein 30 mol% of M is replaced by Ba and/or Ca.

13. (New) The LED as claimed in claim 4, wherein up to 30 mol% of M is replaced by Li and/or La and/or Zn.

14. (New) The LED as claimed in claim 5, wherein up to 30 mol% of the SiN group is replaced by the AlO group.

15. (New) The LED as claimed in claim 6, wherein up to 30 mol% of Eu is replaced by Mn.

16. (New) The LED as claimed in claim 1, wherein a primary radiation has a peak wavelength of at least 380 nm.